Recombinant DNJC4 protein (His tag)

Catalog Number	551026
Synonyms	DnaJ-like protein HSPF2; Multiple endocrine neoplasia type 1 candidate protein number 18
Species	Human
Expression System	E. coli
Accession	Q9NNZ3
Molecular Weight	Predictes a molecular mass of 9.81 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 10 kDa band.

Product Information

Sequence Region	33-103
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 33-103 aa (Q9NNZ3) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human DnaJ homolog subfamily C member 4 (DNAJC4) fragment (residues 33-103), encompassing the complete J domain. This high-purity protein is an essential tool for investigating the specific molecular chaperone functions of DNAJC4 in cellular processes. DnaJ homolog subfamily C member 4 (DNAJC4), also known as HSPF2 or Multiple Endocrine Neoplasia type 1 candidate protein 18, is a membrane-associated protein localized to cellular membranes and functions as a single-pass membrane protein. As a member of the DnaJ/Hsp40 family, DNAJC4 plays a critical role in protein folding, stability, and trafficking through its J domain, which facilitates interactions with Hsp70 chaperones. The provided fragment (33-103) contains the complete J domain (residues 34-99), enabling focused studies on its chaperone mechanisms and regulatory functions in membrane-associated protein quality control pathways.